

WE CLAIM:

1. A composite roofing product comprising:
a roofing material;
an interply material attached to said roofing material along an edge thereof
to permit a major portion of the interply material to be folded away from said roofing material
for application to a roof deck; and
an adhesive coating on one side of said interply material,
whereby said adhesive is effective to secure said roofing product to the roof deck.
2. The composite roofing product according to claim 1, wherein the roofing material is selected from the group consisting of roofing shingles and roll roofing.
3. The composite roofing product according to claim 2, wherein said roofing material is a multiple layer roofing shingle.
4. The composite roofing product according to claim 3 wherein said shingle is a laminated shingle.
5. The composite roofing product according to claim 2, wherein said roofing material is a single layer shingle.
6. The composite roofing product according to claim 5 wherein said shingle is a three tab shingle.
7. The composite roofing product according to claim 2, wherein the roofing material is a hip and ridge shingle.
8. The composite roofing product according to claim 1, wherein the interply material comprises a water resistant material.

9. The composite roofing product according to claim 1, wherein the interply material comprises a substrate having an ionic charge coated with a coating having essentially the same ionic charge wherein said coating consists essentially of a filler material and a binder material and wherein said binder material bonds the filler material together and to the substrate and wherein said coating does not bleed through said substrate.

10. The composite roofing product according to claim 9, wherein the interply material is from 10% to 25% by weight glass fibers and said coating is from 84% to 96% filler selected from the group consisting of fly ash, charged calcium carbonate, ceramic microspheres and mixtures thereof, and from 16% to 4% acrylic latex binder material.

11. The composite roofing product according to claim 1, wherein the interply material comprises a substrate having an ionic charge,

(a) coated on one side with a coating having essentially the same ionic charge wherein said coating consists essentially of a filler material and a binder material and wherein said binder material bonds the filler material together and to the substrate and wherein said coating does not bleed through said substrate; and

(b) covered on the other side with a water vapor impermeable coating comprising a material selected from the group consisting of metal foils and preformed plastic films;

wherein said water vapor impermeable material is attached to said coated substrate with an adhesive.

12. The composite roofing product according to claim 1, wherein the interply material comprises a substrate having an ionic charge coated on both sides with a coating having essentially the same ionic charge wherein said coating consists essentially of a filler material and

a binder material and wherein said binder material bonds the filler material together and to the substrate and wherein said coating does not bleed through said substrate.

13. The composite roofing product according to claim 11, wherein one side of said coated substrate is covered with a water vapor impermeable coating comprising a material selected from the group consisting of metal foils and preformed plastic films and wherein said water vapor impermeable material is attached to said coated substrate with an adhesive.

14. The composite roofing product according to claim 11, wherein one side of said coated substrate is covered with a metal foil water vapor barrier material and the other side of said coated substrate is covered with a preformed plastic film water vapor impermeable material; and wherein both water vapor impermeable materials are attached to said coated substrate with an adhesive.

15. The composite roofing product according to claim 11, wherein both sides of the coated substrate are coated with a metal foil water vapor impermeable material and wherein said water vapor impermeable material is attached to said coated substrate with an adhesive.

16. The composite roofing product according to claim 11, wherein both sides of the coated substrate are coated with a preformed plastic film water vapor impermeable material and wherein said water vapor impermeable material is attached to said coated substrate with an adhesive.

17. The composite roofing product according to claims, 11, 12, 13, 14, 15 or 16 wherein the adhesive attaching the material to the substrate is selected from the group consisting of low density polyethylene, high density polyethylene, polyethylene-vinyl acetate, polypropylene, polyvinylidene chloride, nylon, polyester, asphaltic adhesives and mixtures thereof.

18. The composite roofing product according to claim 16, wherein said coating is from 84% to 96% filler selected from the group consisting of fly ash, charged calcium carbonate, ceramic microspheres and mixtures thereof and from 16% to 4% acrylic latex binder material.

19. The composite roofing product according to claim 12, wherein one side of said coated substrate is covered with a waterproof coating.

20. The composite roofing product according to claim 8, wherein the interply material is a roll roofing product comprising a fiberglass substrate coated with asphaltic material and mineral surfacing materials.

21. The composite roofing product according to claim 8, wherein the interply material comprises of asphalt impregnated felt underlayment material.

22. The composite roofing product according to claim 1 wherein the interply material comprises a substrate that includes glass fibers and polyesters fibers.

23. The composite roofing product according to claim 1, wherein the interply material is attached to said roofing material with an adhesive selected from the group consisting of asphalt, contact cement, glue, plastic, low density polyethylene, high density polyethylene, polyethylene-vinyl acetate, polypropylene, polyvinylidene chloride, nylon, polyester and mixtures thereof.

24. The composite roofing product according to claim 1, further comprising a release material which covers the adhesive.

25. The composite roofing product of claim 1, wherein the adhesive is SBS modified asphalt.

26. The composite roofing product of claim 1 wherein said roofing material is shortened at said edge and said interply material is of the same length as the shortened edge of said roofing material.

27. The composite roofing product of claim 1 wherein the roofing material is a roofing shingle having a buttlap portion and a headlap portion.

28. The composite roofing product according to claim 27 wherein said headlap portion is equal in length to said buttlap portion and substantially narrower than said buttlap portion.

29. The composite roofing product according to claim 27 wherein said headlap portion is shorter than said buttlap portion and said interply material is equal in length to said headlap portion, thereby overlapping less than all of said buttlap portion.